Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 through 67 (Cancelled)

68. (Previously Presented) A method of inhibiting epileptogenesis, comprising administering to a subject in need thereof an effective amount of a substituted β-amino anionic compound, comprising an amino group, an anionic group, and a two-carbon spacer unit, wherein

said anionic group is a group that is negatively charged at physiological pH; and

said amino group is $-NR^aR^b$, wherein R^a and R^b are each independently hydrogen, alkyl, alkenyl, alkynyl, cycloalkyl, aryl, alkylcarbonyl, arylcarbonyl, alkoxycarbonyl, or aryloxycarbonyl; or R^a and R^b, taken together with the nitrogen to which they are attached, form an unsubstituted or substituted heterocycle having from 3 to 7 atoms in the heterocyclic ring, wherein said amino group and said anionic group are separated by said two-carbon spacer unit;

wherein said two-carbon spacer unit may be substituted with a substituent selected from the group consisting of halogen, hydroxyl, alkylcarbonyloxy, arylcarbonyloxy, alkoxycarbonyloxy, aryloxycarbonyloxy, carboxylate, alkylcarbonyl, alkoxycarbonyl, aminocarbonyl, alkylthiocarbonyl, alkoxyl, phosphate, phosphonato, phosphinato, cyano, amino, acylamino, amidino, imino, sulfhydryl, alkylthio, arylthio, thiocarboxylate, sulfates, sulfonato, sulfamoyl, sulfonamido, nitro, trifluoromethyl, azido, heterocyclyl, aromatic, and heteroaromatic moieties;

or a pharmaceutically acceptable salt or ester thereof, such that epileptogenesis is inhibited.

Claims 69 through 137 (Cancelled)

138. (Previously Presented) A method for treating a convulsive disorder, comprising administering to a subject in need thereof an effective amount of a substituted β-amino anionic compound, comprising an amino group, an anionic group, and a two-carbon spacer unit, wherein

said anionic group is a group that is negatively charged at physiological pH; and

said amino group is $-NR^aR^b$, wherein R^a and R^b are each independently hydrogen, alkyl, alkenyl, alkynyl, cycloalkyl, aryl, alkylcarbonyl, arylcarbonyl, alkoxycarbonyl, or aryloxycarbonyl; or R^a and R^b, taken together with the nitrogen to which they are attached, form an unsubstituted or substituted heterocycle having from 3 to 7 atoms in the heterocyclic ring, wherein said amino group and said anionic group are separated by said two-carbon spacer unit;

wherein said two-carbon spacer unit may be substituted with a substituent selected from the group consisting of halogen, hydroxyl, alkylcarbonyloxy, arylcarbonyloxy, alkoxycarbonyloxy, aryloxycarbonyloxy, carboxylate, alkylcarbonyl, alkoxycarbonyl, aminocarbonyl, alkylthiocarbonyl, alkoxyl, phosphate, phosphonato, phosphinato, cyano, amino, acylamino, amidino, imino, sulfhydryl, alkylthio, arylthio, thiocarboxylate, sulfates, sulfonato, sulfamoyl, sulfonamido, nitro, trifluoromethyl, azido, heterocyclyl, aromatic, and heteroaromatic moieties;

or a pharmaceutically acceptable salt or ester thereof, such that said convulsive disorder is treated.

Claims 139 through 141 (Cancelled)

142. (Previously Presented) A method for treating a convulsive disorder, comprising administering to a subject in need thereof an effective amount of a substituted β-amino anionic compound, comprising an amino group, an anionic group, and a two-carbon spacer unit, wherein

said anionic group is a group that is negatively charged at physiological pH; and

said amino group is $-NR^aR^b$, wherein R^a and R^b are each independently hydrogen, alkyl, alkenyl, alkynyl, cycloalkyl, aryl, alkylcarbonyl, arylcarbonyl, alkoxycarbonyl, or aryloxycarbonyl; or R^a and R^b, taken together with the nitrogen to which they are attached,

form an unsubstituted or substituted heterocycle having from 3 to 7 atoms in the heterocyclic ring, wherein said amino group and said anionic group are separated by said two-carbon spacer unit;

wherein said two-carbon spacer unit may be substituted with a substituent selected from the group consisting of halogen, hydroxyl, alkylcarbonyloxy, arylcarbonyloxy, alkoxycarbonyloxy, aryloxycarbonyloxy, carboxylate, alkylcarbonyl, alkoxycarbonyl, aminocarbonyl, alkylthiocarbonyl, alkoxyl, phosphate, phosphonato, phosphinato, cyano, amino, acylamino, amidino, imino, sulfhydryl, alkylthio, arylthio, thiocarboxylate, sulfates, sulfonato, sulfamoyl, sulfonamido, nitro, trifluoromethyl, azido, heterocyclyl, aromatic, and heteroaromatic moieties;

or a pharmaceutically acceptable salt or ester thereof, such that epileptogenesis is inhibited.

143. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said anionic group is a carboxylate, sulfate, sulfonate, sulfinate, sulfamate, tetrazolyl, phosphate, phosphonate, phosphinate, or phosphorothioate moiety.

144. (Previously Presented) The method of claim 143, wherein said anionic group is a carboxylate moiety.

145. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein R^a and R^b are each independently hydrogen, alkyl, alkylcarbonyl; or R^a and R^b, taken together with the nitrogen to which they are attached, form an unsubstituted or substituted heterocycle having from 3 to 7 atoms in the heterocyclic ring.

146. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said two-carbon spacer unit is substituted with an amino substituent, wherein said amino substituent is an alkyl amino, dialkylamino, arylamino, diarylamino, or alkylarylamino moiety.

147. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said two-carbon spacer unit is substituted with an acylamino substituent, wherein said acylamino substituent is an alkylcarbonylamino, arylcarbonylamino, carbamoyl, or ureido moiety.

148. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein

said anionic group is a carboxylate;

said two-carbon spacer unit is substituted with a substituent selected from the group

consisting of aromatic and alkoxy moieties; and

R^a and R^b are each independently hydrogen, alkyl, or alkylcarbonyl; or R^a and R^b, taken together with the nitrogen to which they are attached, form an unsubstituted or substituted heterocycle having from 3 to 7 atoms in the heterocyclic ring.

149. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said two-carbon spacer unit is substituted with a substituent selected from the group consisting of substituted aromatic moieties.

150. (Previously Presented) The method of claim 149, wherein said substituted aromatic or substituted aryloxy moiety is substituted with a substituent selected from the group consisting of halogens, hydroxyl, alkoxyl, amino, alkylamino, dialkylamino, arylamino, alkylcarbonylamino, and aromatic moieties.

151. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said two-carbon spacer unit is substituted with a substituent selected from the group consisting of carboxylate, alkylcarbonyl, alkoxycarbonyl, aminocarbonyl, alkylthiocarbonyl, phosphonato, phosphinato, acylamino, amidino, imino, thiocarboxylate, sulfonato, sulfamoyl, sulfonamido, nitro, trifluoromethyl, heterocyclyl, aromatic, and heteroaromatic moieties.

152. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said two-carbon spacer unit is substituted with a substituent selected from the group consisting of carboxylate, alkylcarbonyl, alkoxycarbonyl, aminocarbonyl, alkylthiocarbonyl, heterocyclyl, aromatic, and heteroaromatic moieties.

153. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said two-carbon spacer unit is substituted with a substituent selected from the group consisting of carboxylate, alkylcarbonyl, alkoxycarbonyl, aminocarbonyl, and alkylthiocarbonyl moieties.

154. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is an α-substituted β-alanine.

155. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is an α,α-disubstituted β-alanine.

156. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is an α,β-disubstituted β-alanine.

157. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is a β,β-disubstituted β-alanine.

158. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is an α,β,α-trisubstituted β-alanine.

159. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is an α,β,β-trisubstituted β-alanine.

160. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is an α,α,β,β-tetrasubstituted β-alanine.

161. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is a β-substituted β-alanine.

162. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein the said β -substituted β-alanine is β-substituted with a substituent selected from the group consisting of heterocyclyl, aromatic, and heteroaromatic moieties.

163. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 4-fluorophenyl.

164. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 4-phenoxyphenyl.

165. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 3-(4-methylphenoxy)phenyl.

166. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 3-methyl-4-methoxyphenyl.

167. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 3-(3,4-dichlorophenoxy)phenyl.

168. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 2-methylphenyl.

169. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 3-(4-chlorophenoxy)phenyl.

170. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 2,5-dimethyl-4-methoxyphenyl.

171. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 4-trifluoromethoxyphenyl.

172. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 2-chlorophenyl.

173. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 2-fluoro-3-trifluoromethylphenyl.

174. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 3-bromo-4-methoxyphenyl.

175. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 4-bromophenyl.

176. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is phenyl.

177. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 4-methylphenyl.

178. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 4-chlorophenyl.

179. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 4-acetamidophenyl.

180. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 2,5-dimethoxyphenyl.

181. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 4-diethylaminophenyl.

182. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 3-methylphenyl.

183. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 2-hydroxy-3-methoxyphenyl.

184. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 4-phenylphenyl.

185. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 3,4-dibenzyloxyphenyl.

186. (Previously Presented) The method of any one of claims 68, 138, or 142, wherein said substituted β-amino anionic compound is $RCH(NH_2)CH_2COOH$, wherein R is 3-[(3-trifluoromethyl)phenyloxy]phenyl.